

CLAIMS

What is claimed is:

1. An interactive tool for configuring a domain, comprising:
providing a first user interface operable to configure the domain;
providing a second user interface operable to configure a cluster;
wherein configuration of the domain is based on a domain template; and
wherein the cluster belongs to the domain.
2. The interactive tool of claim 1 wherein the first user interface includes:
an option to select the domain template.
3. The interactive tool of claim 1 wherein the first user interface includes:
an option to customize the domain template.
4. The interactive tool of claim 1 wherein:
the domain includes an administration server and a set of resources and/or
services that can be managed as a unit.
5. The interactive tool of claim 1 wherein:
the domain template includes a set of configuration parameters.
6. The interactive tool of claim 5 wherein:
the set of configuration parameters includes at least one of: 1) an application;
2) a server; 3) information related to configuring a database; 4) information related to
configuring a message service; and 5) information related to configuring a cluster.
7. The interactive tool of claim 1 wherein:
the domain template is a Java Archive (JAR) file.
8. The interactive tool of claim 1, further comprising:
a third user interface to designate and/or configure an administration server.
9. The interactive tool of claim 1 wherein the second user interface includes:

an option to add, change and/or delete a managed server;
an option to add, change and/or delete the cluster; and
an option to designate a server as part of the cluster.

10. The interactive tool of claim 1 wherein:
the cluster includes a set of servers that work together to provide scalability and high availability for an application.
11. A method for configuring a domain with an interactive tool, comprising:
selecting a domain template with the interactive tool;
configuring the domain based on the domain template;
wherein the domain template can be customized; and
wherein the domain template includes a set of configuration parameters.
12. The method of claim 11 wherein:
the domain includes an administration server and a set of resources and/or services that can be managed as a unit.
13. The method of claim 11 wherein:
the set of configuration parameters includes at least one of: 1) an application; 2) a server; 3) information related to configuring a database; 4) information related to configuring a message service; and 5) information related to configuring a cluster.
14. The method of claim 11 wherein:
the domain template is a Java Archive (JAR) file.
15. The method of claim 11 wherein the interactive tool includes:
an option to designate and/or configure an administration server.
16. The method of claim 11 wherein the interactive tool includes:
an option to add, change and/or delete a managed server;
an option to add, change and/or delete a cluster; and
an option to designate a server as part of a cluster.

17. The method of claim 16 wherein:
a cluster includes a set of servers that work together to provide scalability and high availability for an application.
18. A machine readable medium having instructions stored thereon that when executed by a processor cause a system to allow a user to:
select a domain template with an interactive tool;
configure a domain based on the domain template;
wherein the domain template can be customized; and
wherein the domain template includes a set of configuration parameters.
19. The machine readable medium of claim 18 wherein:
the domain includes an administration server and a set of resources and/or services that can be managed as a unit.
20. The machine readable medium of claim 18 wherein:
the set of configuration parameters includes at least one of: 1) an application; 3) a server; 3) information related to configuring a database; 4) information related to configuring a message service; and 5) information related to configuring a cluster.
21. The machine readable medium of claim 18 wherein:
the domain template is a Java Archive (JAR) file.
22. The machine readable medium of claim 18 wherein the interactive tool includes:
an option to designate and/or configure an administration server.
23. The machine readable medium of claim 18 wherein the interactive tool includes:
an option to add, change and/or delete a managed server;
an option to add, change and/or delete a cluster; and
an option to designate a server as part of a cluster.
24. The machine readable medium of claim 23 wherein:

a cluster includes a set of servers that work together to provide scalability and high availability for an application.

25. A computer data signal embodied in a transmission medium, comprising:
- a code segment including instructions to select a domain template with an interactive tool;
 - a code segment including instructions to configure a domain based on the domain template;
 - wherein the domain template can be customized; and
 - wherein the domain template includes a set of configuration parameters.